Chirag Wadhera

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EDUCATION

IIT PATNA
B.Tech in Computer Science and Engineering
2015-Present | Patna, India
Current CPI: 7.29/10

D.P.S R.K. PURAM
Intermediate/+2
Grad. May 2015| New Delhi, India
CBSE: 97.4/100

BAL VIKAS SCHOOL
Matriculation
Grad. May 2013| Panipat, India
CBSE: 10.0/10.0

LINKS

Github:// **chiragw15**
LinkedIn:// **chirag-wadhera**
Blogs:// **chiragw15-blogs**

COURSEWORK

Algorithms and Data Structures
Computer Architecture
Database Management System
Switching Theory/ Digital Electronics
Computer Networks
Operating Systems
Computer Graphics

SKILLS

• Languages - C,C++ (Expert), Java, Kotlin (Proficient), Python, Javascript (Intermediate)
• Web/Android App Dev - Java, XML, HTML, CSS, JavaScript, React.js, SQL, Neo4j, Python Django
• Platforms and tools - Android Studio, Raspberry PI, Github, Google Cloud Platform, Kubernetes, Docker, Travis CI

POR

• Mentor - Google Summer of Code 2018 with FOSSASIA
• Mentor - Google Code-In 2017 with FOSSASIA
• Student Lead - Google Developer Student Club (GDSC), IIT Patna
• Coordinator - NJACK, The Computer Science Society, IIT Patna

EXPERIENCE

CODENATION | BANGALORE
Software Development Intern
May 2018 – July 2018 | Mentor: Ashish Chauhan

- Calculated interesting insights and metrics about a person using workgraph. Workgraph is a graph database created marrying data of a person/company extracted from various sources like LinkedIn, Twitter, etc.
- Insights included User's Popularity, Social Media Outreach, Engagement in company, similar people, degree of closeness, introducer, etc.
- Created a web application using Django, React and Firebase (for real time DB) to display the above metrics/insights of a person standing near a screen attached to a BLE Beacon.

GOOGLE SUMMER OF CODE 2017
Student Developer with FOSSASIA
May 2017 – August 2017 | Mentors: Mario Behling , Michael Christen

- Worked on a Rule-Based Artificial Intelligence based Personal Assistant Application named "SUSI.AI" to implement new rules/skills, thus improving overall response from the Assistant.
- Improved the Android Client using Kotlin as primary language. Improved the UI,performance and implemented new features like Speech to Text, Text to Speech, Hotword Detection etc.
- Implemented new Java Servlets and APIs on the Server and auto deployed Server on Google Cloud Platform using Kubernetes after each commit in the Github Repo using Docker images build during Travis CI build.

PROJECTS

EKSHIKSHA, IIT BOMBAY | Three.js webgl Animations
Jan 2017 - April 2017 | Patna, India
Developed interactive WEBGL Animations using a cross-browser Javascript Library/API THREE.JS used to create and display animated 3D computer graphics in a web browser. These animations will be used by Ekshiksha to teach educational concepts to the school students.

MAILBOTAPP | Automated Email Writing Procedure
Jan 2017 - April 2017 | Patna, India
An Android Application and a Facebook Messenger Bot using IBM Watson Conversation as the backend that help in generating the Email for users. The user can interact with the bot giving details and the bot generates the mail with proper grammatical sentences. Currently, only leave emails are generated automatically.

ACADEMIC ACHIEVEMENTS

Year	Award	Description
2016	ACM ICPC (Certificate)	Secured rank 52 out of 3,000 teams (9,000 candidates) in online round of ACM ICPC India, regarded as Olympics of coding and represented IIT Patna in regional rounds.
2017	Codechef (Certificate)	Secured 55 rank out of 4,000 teams (8,000 candidates) in Pre-Elimination round of Codechef's annual global event - Snackdown
2017	Eclavya, IITB (Certificate)	Secured All India Rank 2 in the Software Quota Contest organised by IIT BOMBAY